

Notice of Allowability	Application No.	Applicant(s)	
	10/601,509	GLENN, ROBERT C.	
	Examiner	Art Unit	
	Michael Rutland-Wallis	2835	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 05/22/06.
2. ☒ The allowed claim(s) is/are 1,3-14 and 16.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |


 LYNN FEILD
 SUPERVISORY PATENT EXAMINER

DETAILED ACTION

Response to Arguments

Applicant's remarks and amended claim set submission on May 5, 2006 is dismissed as non-compliant with 37 CFR 1.121.

Applicant's after final arguments and amendments, filed May 22, 2006 are hereby entered and have been fully considered. In view of applicant's amendments to claim 12 the previous rejection has been withdrawn.

Applicant's terminal disclaimer is hereby accepted and approved; hence the previous double patenting is withdrawn.

Allowable Subject Matter

Claims 1 and 3-11 are allowed. The following is a statement of reasons for allowance: Dingwall neither alone or in combination with Welland teach a plurality of sets of control biasing circuits where each of the plurality of sets of one or more control biasing circuits to set a respective control voltage to one of a rest voltage a first voltage and a second threshold voltage. Theses further limitations to claim 1 are not taught or rendered obvious by the prior art.

Claims 12, 13-14 and 16 are allowed. The following is a statement of reasons for allowance: Welland as modified by El- Hamamsy further in view of Sandstedt do teach

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a second plurality of control circuits. Dingwall teaches multiple pluralities of control circuits in order to control additional components as seen in Dingwall (Fig. 7). However it is not believed a proper motivation to combine Dingwall with the combination of Welland as modified by El- Hamamsy, hence the further limitation to claim 12 is not rendered obvious by the prior art.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Okada et al. (U.S. Pat. No. 5,960,898) teaches a parallel configured capacitance control system and Welland (U.S. Pat. No. 6,137,372) teaches a similar device to that of claim 1 and claim 8.


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael Rutland-Wallis whose telephone number is 571-272-5921. The examiner can normally be reached on Monday-Thursday 7:30AM-6:00PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynn D. Feild can be reached on 571-272-2092. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

MRW



LYNN FEILD
SUPERVISORY PATENT EXAMINER